Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

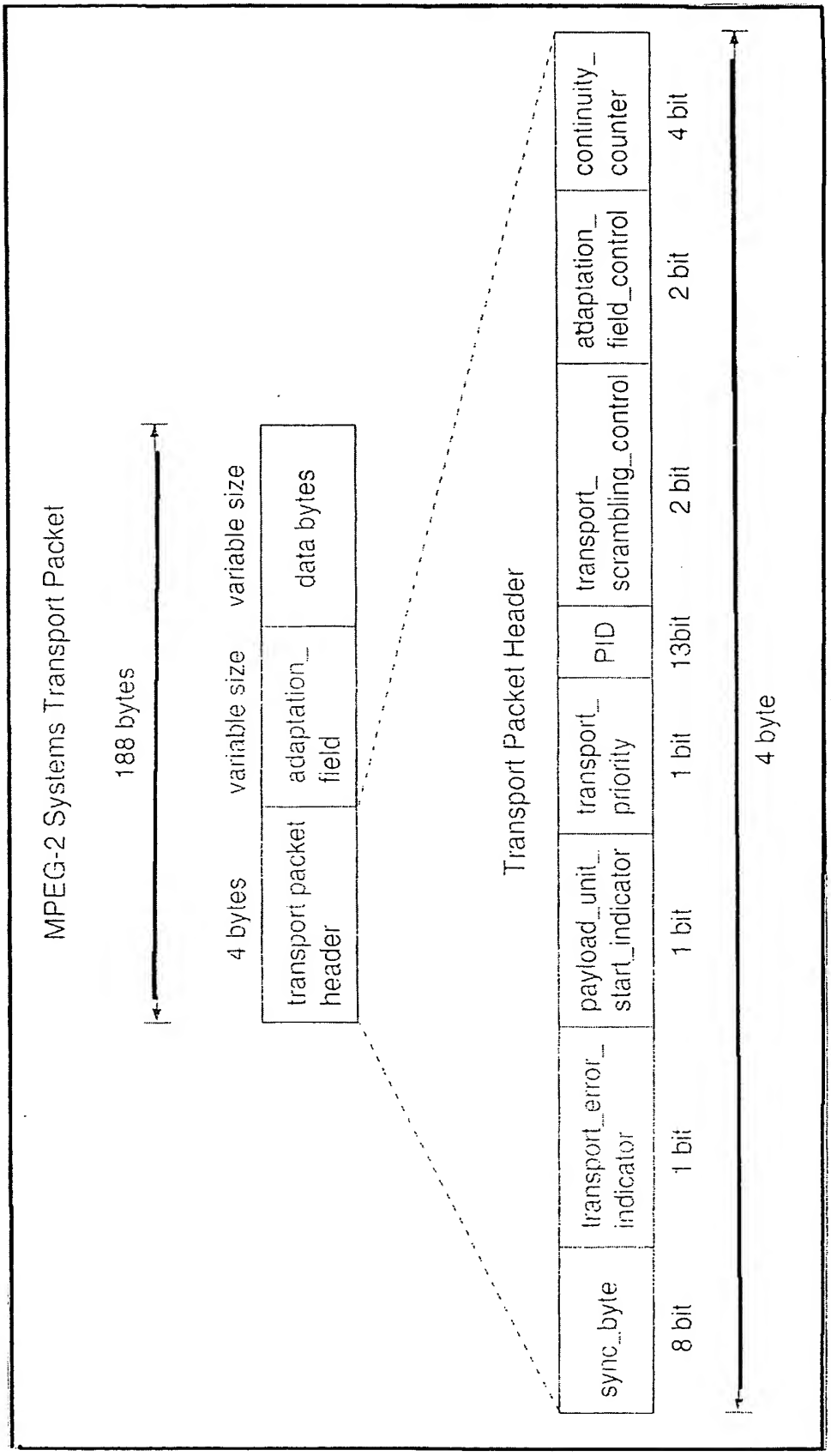

Fig. 1
Prior Art

Syntax	No. of bits	Mnemonic
program_association_section() {		
table_id	8	**uimsbf**
section_syntax_indicator	1	**bslbf**
'0'	1	**bslbf**
reserved	2	**bslbf**
section_length	12	**uimsbf**
transport_stream_id	16	**uimsbf**
reserved	2	**bslbf**
version_number	5	**uimsbf**
current_next_indicator	1	**bslbf**
section_number	8	**uimsbf**
last_section_number	8	**uimsbf**
for (i = 0; i < N; i++) {		
program_number	16	**uimsbf**
reserved	3	**bslbf**
if (program_number == '0') {		
network_PID	13	**uimsbf**
}		
else {		
program_map_PID	13	**uimsbf**
}		
}		
CRC_32	32	**rpchof**
}		

Fig. 2
Prior Art

Syntax	No. of bits	Mnemonic
TS_program_map_section() {		
table_id	8	uimsbf
section_syntax_indicator	1	bslbf
'0'	1	bslbf
reserved	2	bslbf
section_length	12	uimsbf
program_number	16	uimsbf
reserved	2	bslbf
version_number	5	uimsbf
current_next_indicator	1	bslbf
section_number	8	uimsbf
last_section_number	8	uimsbf
reserved	3	bslbf
PCR_PID	13	uimsbf
reserved	4	bslbf
program_info_length	12	uimsbf
for (i = 0; i < N; i++) {		
descriptor()		
}		
for (i = 0; i < N1; i++) {		
stream_type	8	uimsbf
reserved	3	bslbf
elementary_PID	13	uimsbf
reserved	4	bslbf
ES_info_length	12	uimsbf
for (i = 0; i < N2; i++) {		
descriptor()		
}		
}		
CRC_32	32	rpchof
}		

Fig. 3
Prior Art

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

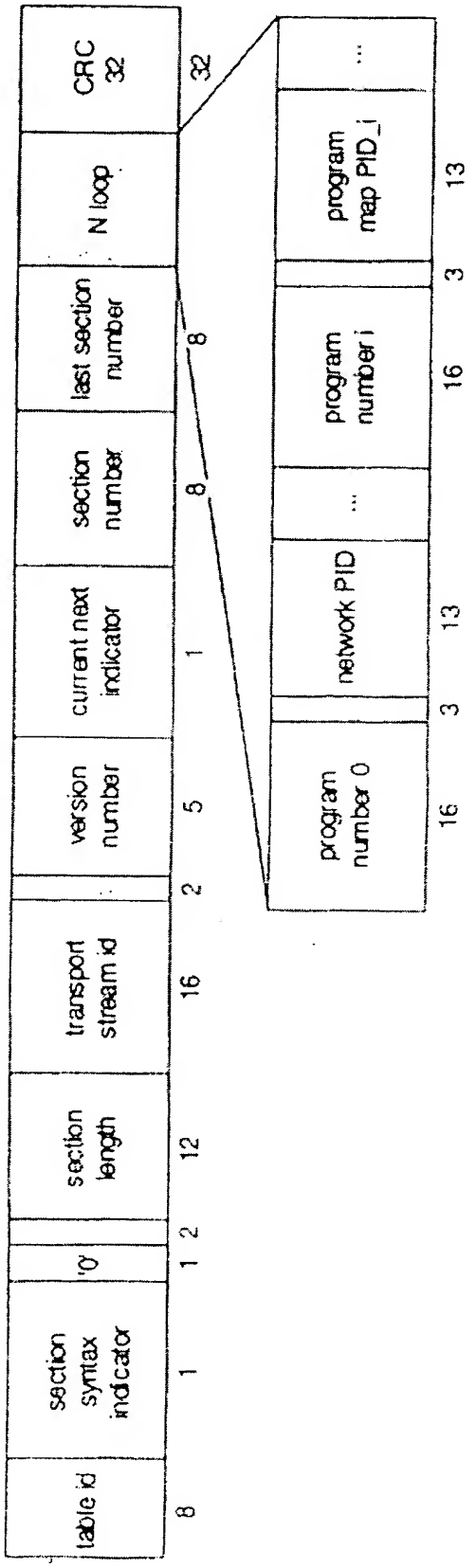

Fig.4
Prior Art

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

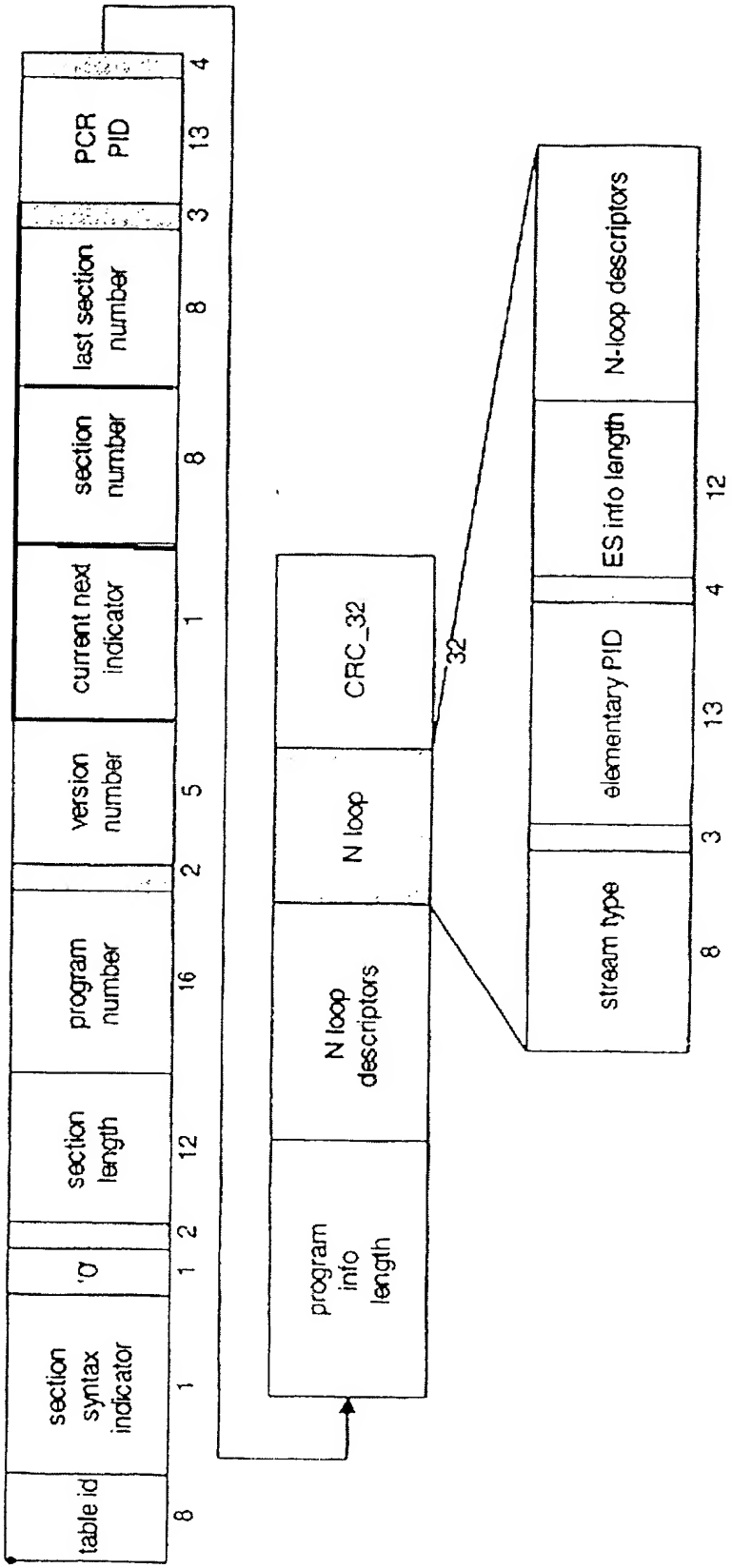

Fig.5 Prior Art

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

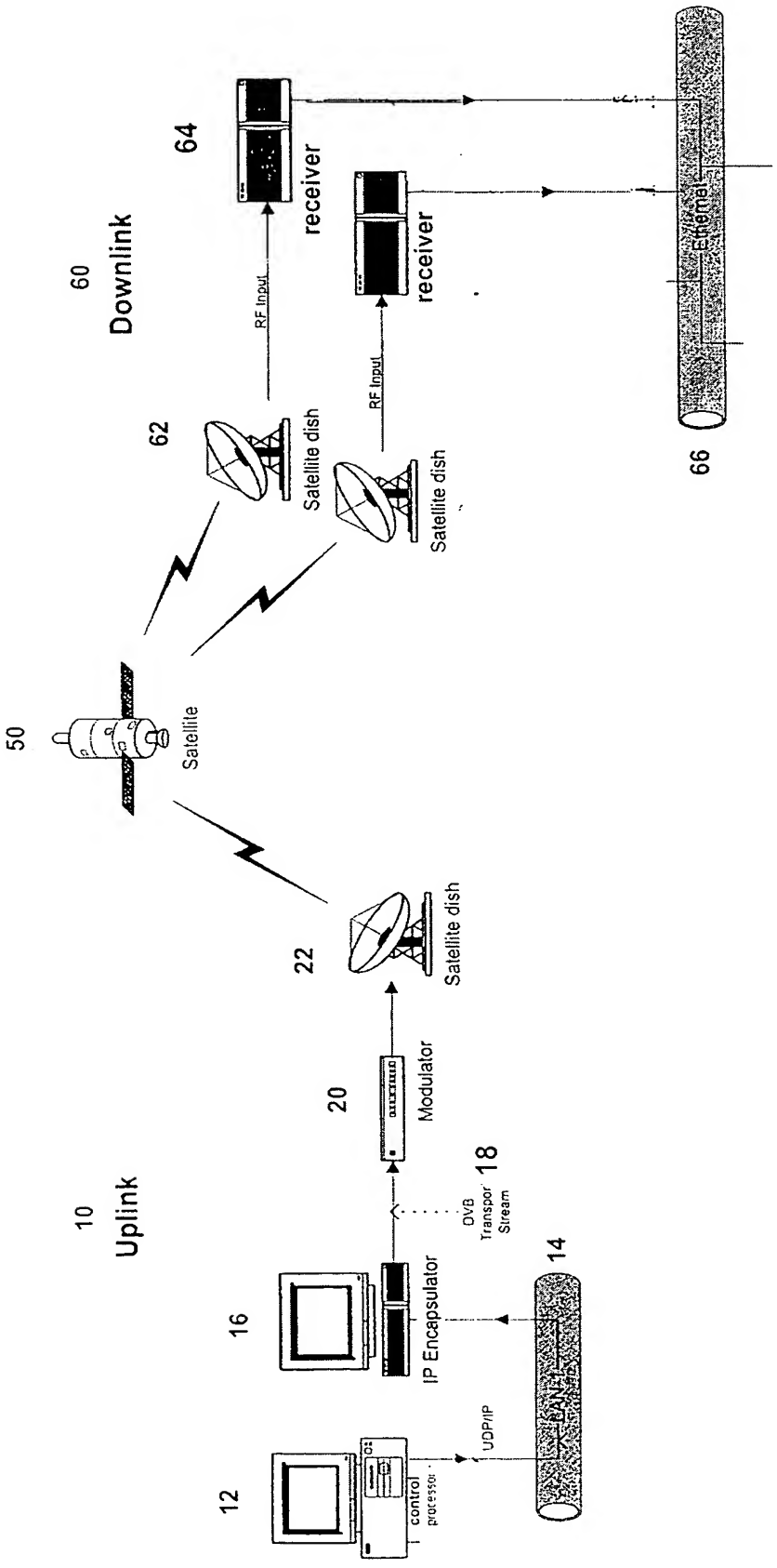

Fig.6

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

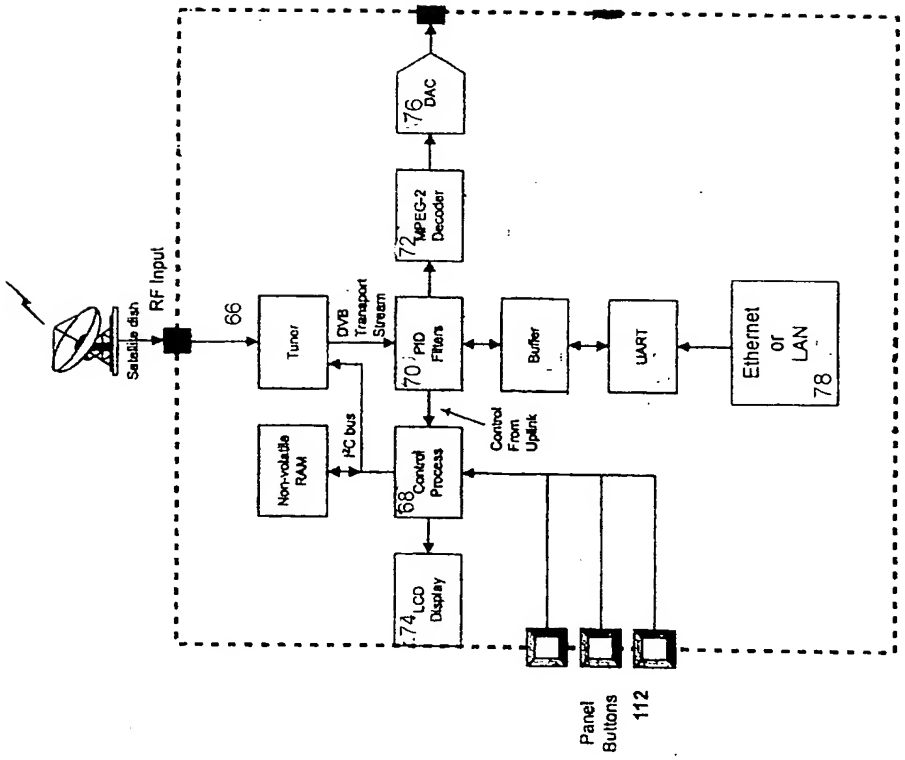

Figure 7

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

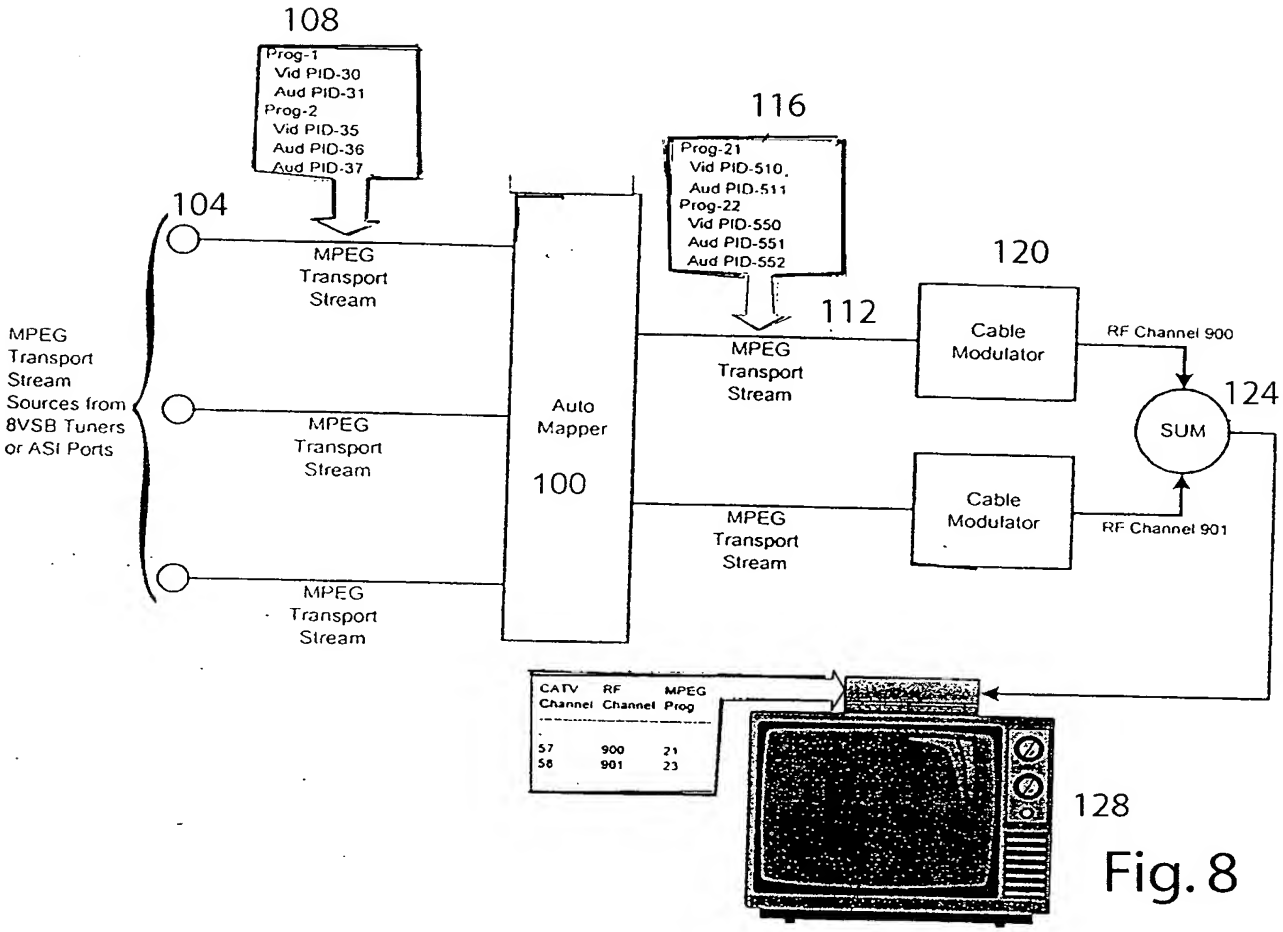

Fig. 8

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

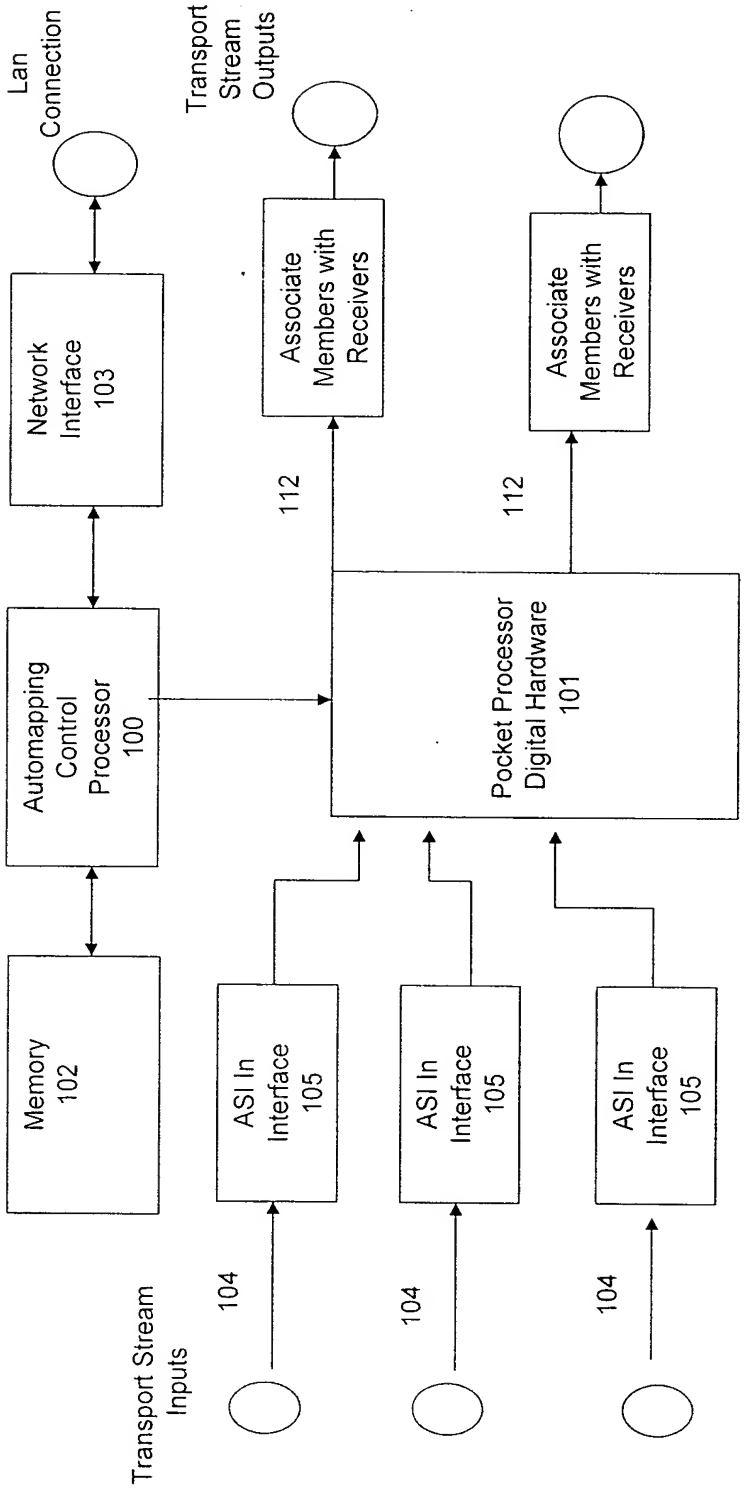

Fig. 9

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

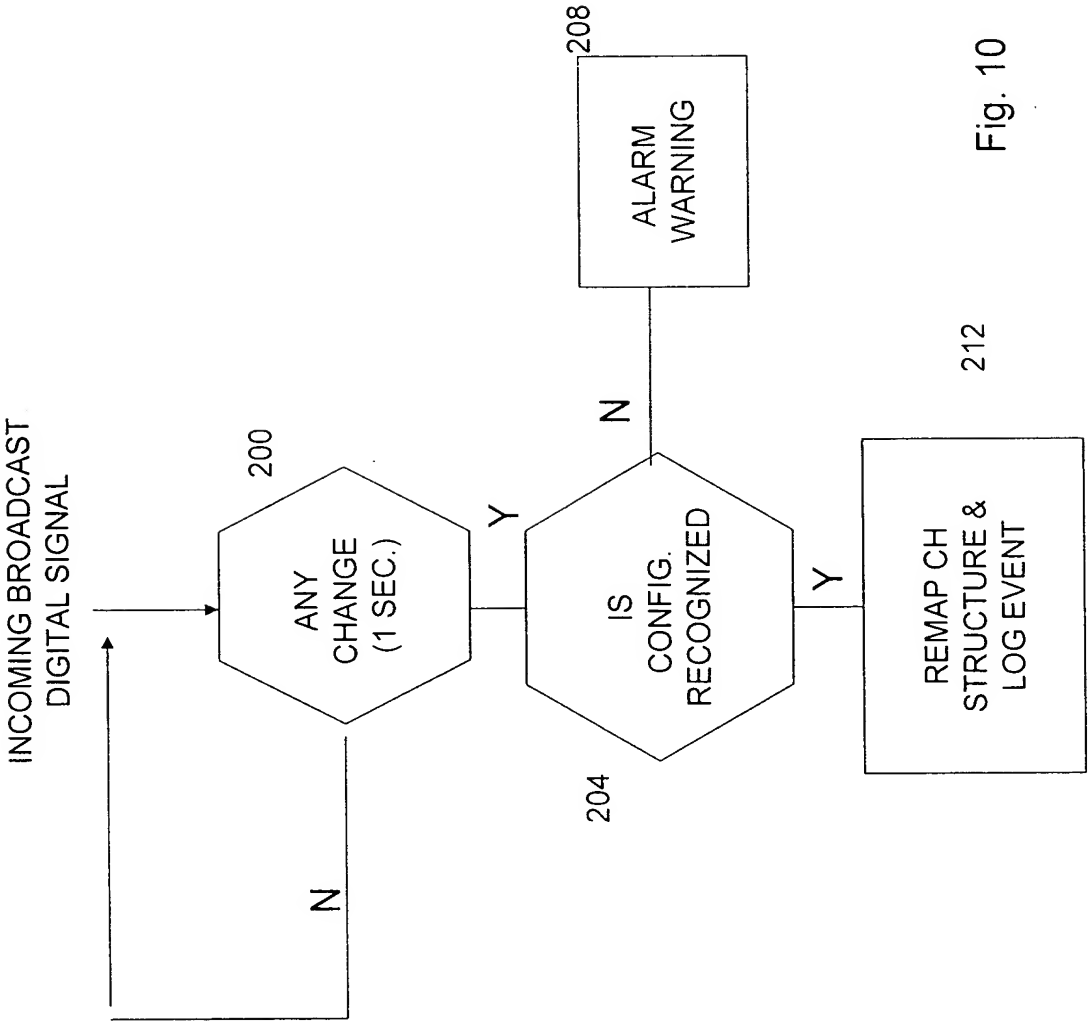

Fig. 10

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

Remapping Flowchart
- routing mode
- shown for one input TS

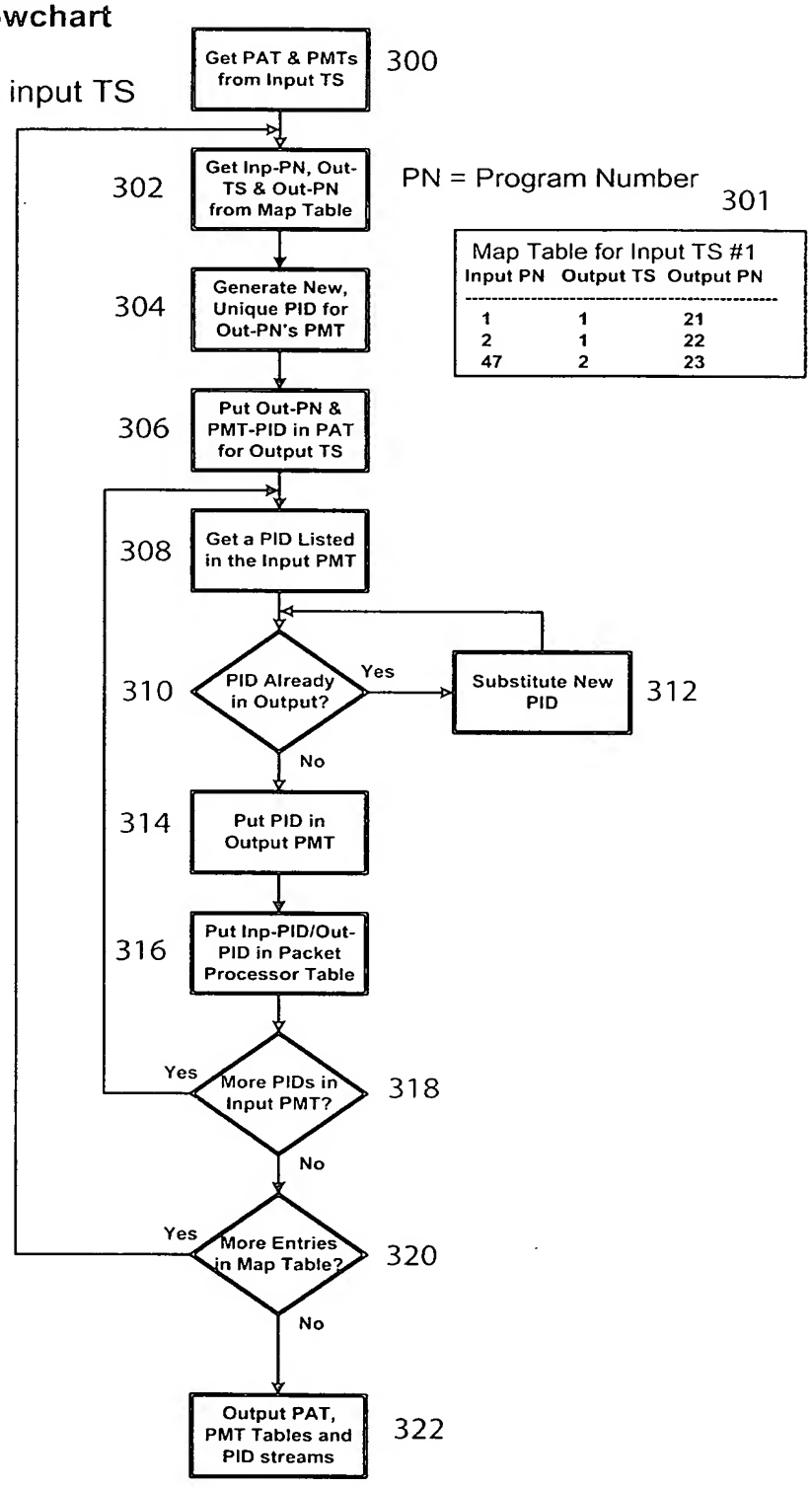

Fig. 11

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

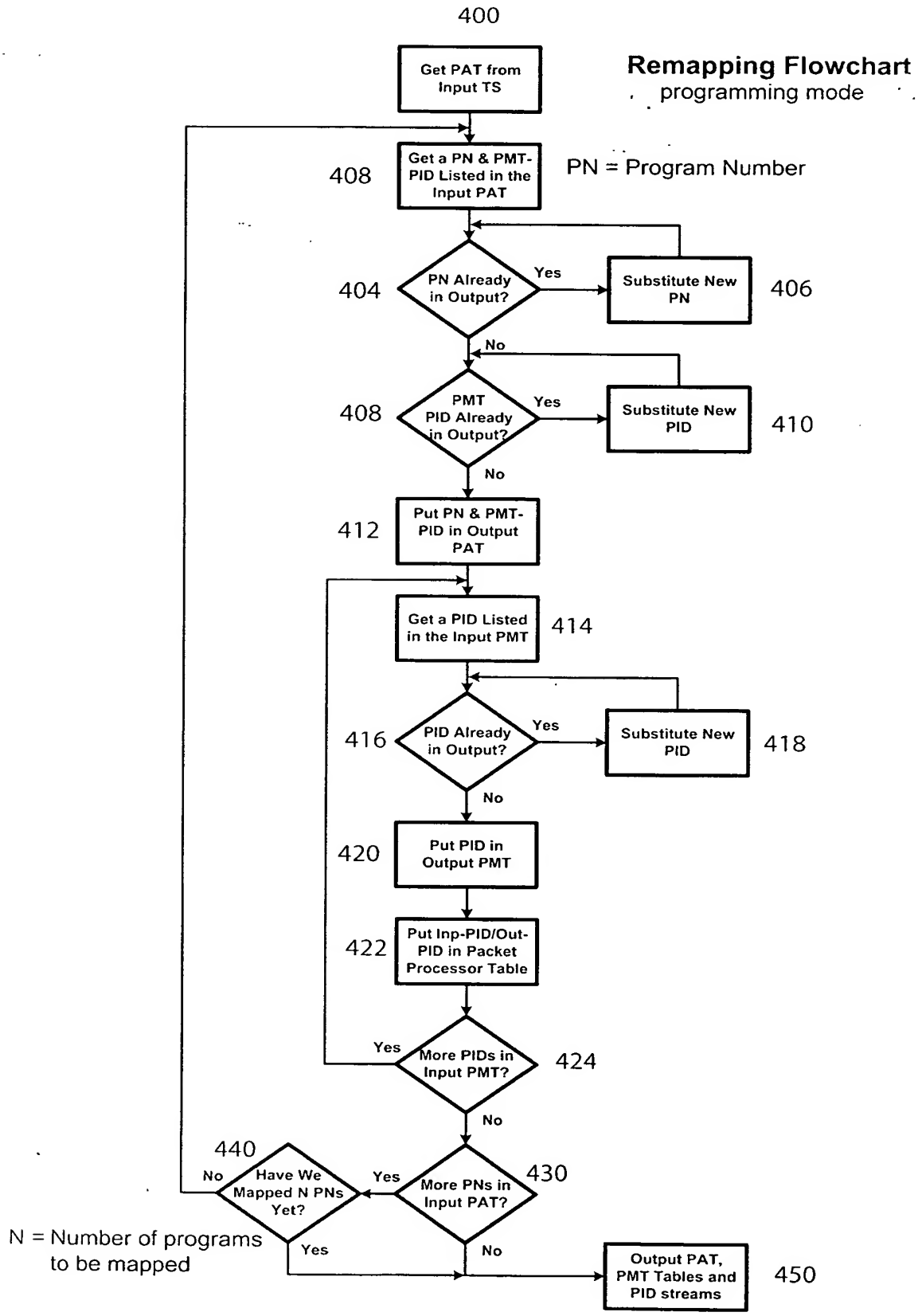

Fig. 12

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

Item	Input	Input Program Number	Output	Output Program Number	Enable
1	1	3	1	1	Active
2	1	2	1	2	Active
3	2	2	1	3	Active
4	2	3	1	4	Active
5	2	4	2	5	Active
6	2	5	2	6	Active
7	0	0	0	0	Inactive
8	0	0	0	0	Inactive

Fig.13

Title: **Automated Transport Stream Apparatus and Method**
Inventor(s): Ned L. Mountain
Appln. No. TBA
Docket #: 72449-026

Item	Program Table Item Number	Input	Input PID	Output	Output PID	Stream Type
1	1	1	49	1	49	2
2	1	1	52	1	52	129
3	2	1	33	1	33	2
4	2	1	36	1	36	129
5	3	2	49	1	101	2
6	3	2	52	1	102	129
7	4	2	33	1	104	2
8	4	2	36	1	105	129
9	5	2	65	2	65	2
10	5	2	68	2	68	129
11	6	2	81	2	81	2
12	6	2	84	2	84	129
13	0	0	0	0	0	0
14	0	0	0	0	0	0

Fig. 14